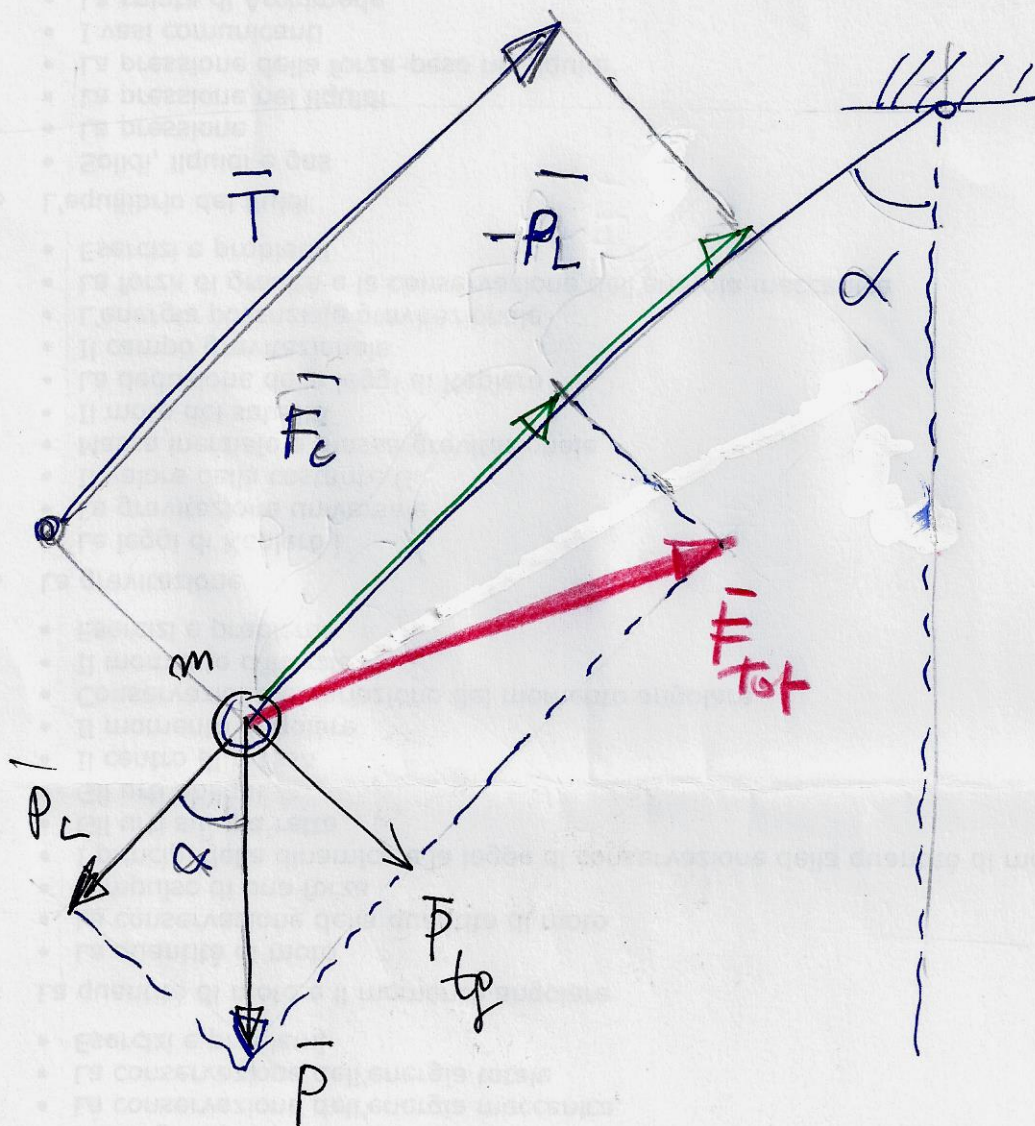


# FORZE sul PENDOLO



$$P_L = P \cos \alpha$$

$$P_{tg} = P \sin \alpha$$

$$\begin{aligned}
 T &= P_L + F_c = \\
 &= mg \cos \alpha + \\
 &\quad + m a_c = \\
 &= m (g \cos \alpha + a_c)
 \end{aligned}$$

$$\vec{F}_{TOT} = m \cdot \vec{a}_T = m (\vec{a}_c + \vec{g} \sin \alpha)$$